

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/GB2006/003416

## A. CLASSIFICATION OF SUBJECT MATTER

INV. A61M27/00 A61M1/00 A61M1/14 A61M1/16 B01D61/00  
B01D71/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61M B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2004/037334 A (SMITH & NEPHEW [GB]; BLOTT PATRICK LEWIS [GB]; GREENER BRYAN [GB]; HAR) 6 May 2004 (2004-05-06) claims 1-5,8,9; figures 1,2,3a,-11,12,27 page 1 - page 11 page 19 - page 20 page 28 - page 46 page 65	1-26
Y	WO 2004/024300 A1 (UNIV MICHIGAN [US]; FISSELL WILLIAM H IV [US]; HUMES DAVID H [US]; ROY) 25 March 2004 (2004-03-25) page 1, line 12 - line 17 page 8, line 25 - page 9, line 10 page 14, line 22 - page 15, line 2 page 18, line 8 - line 26 page 20, line 20 - line 23 page 39	1-26

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

21 November 2006

Date of mailing of the international search report

30/11/2006

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## C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 328 614 A (MATSUMURA KENNETH N [US]) 12 July 1994 (1994-07-12) column 1, line 20 - column 12, line 65 claims 1-7	1, 5, 25
A	----- WO 2005/046761 A (SMITH & NEPHEW [GB]; BLOTT PATRICK LEWIS [GB]; GREENER BRYAN [GB]; HAR) 26 May 2005 (2005-05-26) the whole document -----	1-26

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 27  
because they relate to subject matter not required to be searched by this Authority, namely:  
Rule 39.1(iv) PCT – Method for treatment of the human or animal body by therapy
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2006/003416

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2004037334 A	06-05-2004	AU 2003276408 A1 CA 2503897 A1 CN 1732028 A EP 1562668 A1 JP 2006503628 T KR 20050075367 A US 2006155260 A1 ZA 200502973 A	13-05-2004 06-05-2004 08-02-2006 17-08-2005 02-02-2006 20-07-2005 13-07-2006 22-02-2006
WO 2004024300 A1	25-03-2004	AU 2003272310 A1 CA 2501965 A1 EP 1545749 A1 US 2006213836 A1 US 2004124147 A1	30-04-2004 25-03-2004 29-06-2005 28-09-2006 01-07-2004
US 5328614 A	12-07-1994	NONE	
WO 2005046761 A	26-05-2005	AU 2004289091 A1 CA 2543356 A1 EP 1677851 A1	26-05-2005 26-05-2005 12-07-2006